

COL BRYAN J. STEPHENS DIRECTOR, PROGRAMS AND ENGINEERING

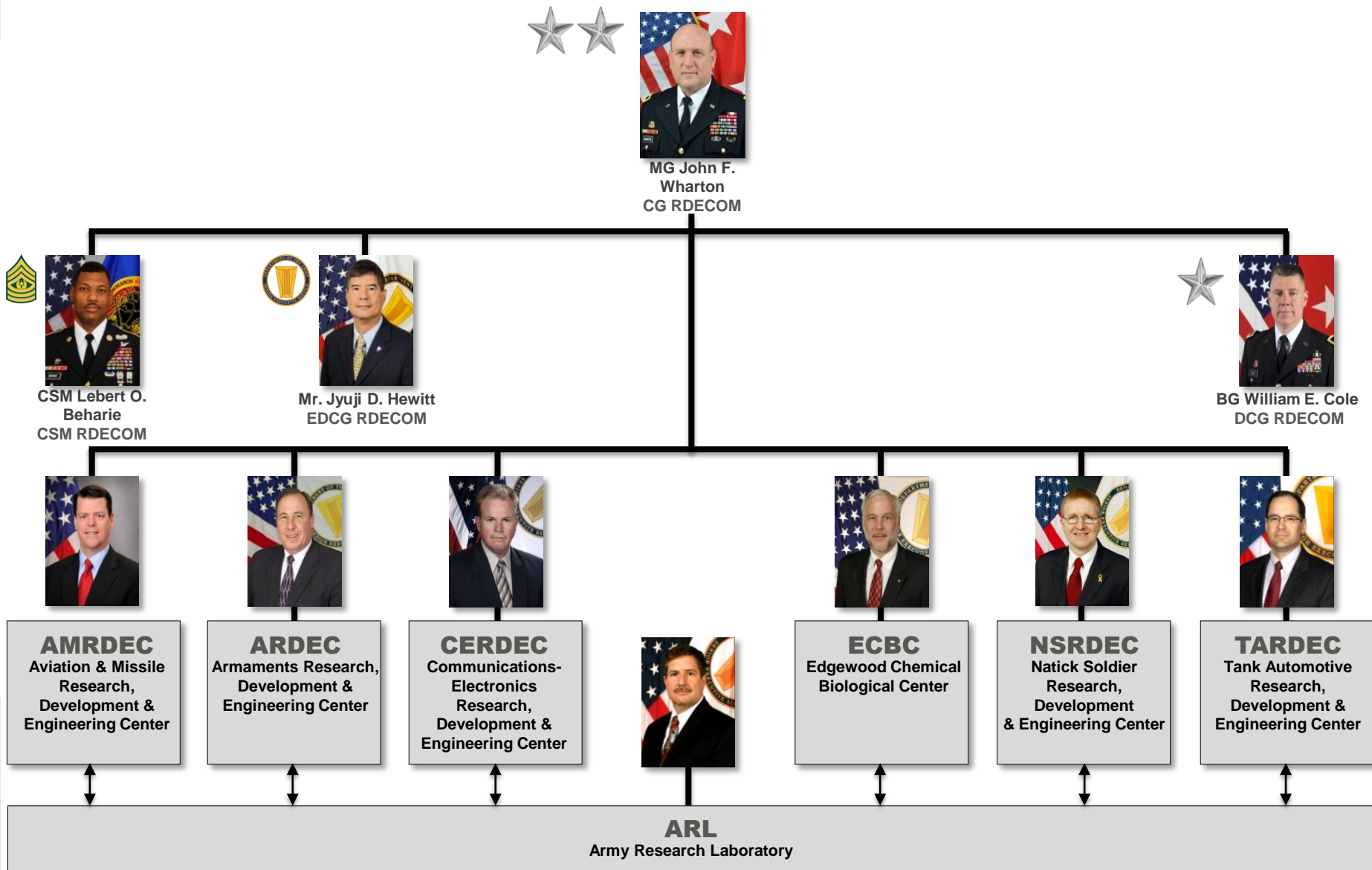
Research Development & Engineering Command
(RDECOM)



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

OUR ORGANIZATION

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STRATEGIC PRIORITIES

Research - Drive the national S&T agenda through leadership & collaboration

Technology Development - Develop and execute cutting edge technology for current and projected environments

Engineering - Core competencies & facilities support every aspect of the Army's Materiel Life Cycle process

- Serve as the corporate technical knowledge repository for programs of record
- Systems engineering
- Supporting the entire life cycle
- Prototyping

Command Initiatives - Use an integrated approach drawing on our wide range of core technical competencies to deliver revolutionary capabilities to the Army

Core Competency Areas:

- Fundamental Research
- Aviation Systems Technologies
- Weapons and Munitions Technologies
- Chemical and Biological Technologies
- Ground Systems Technologies
- Communications and Electronics Technologies
- Missile and Rocket Technologies
- Soldier Technologies

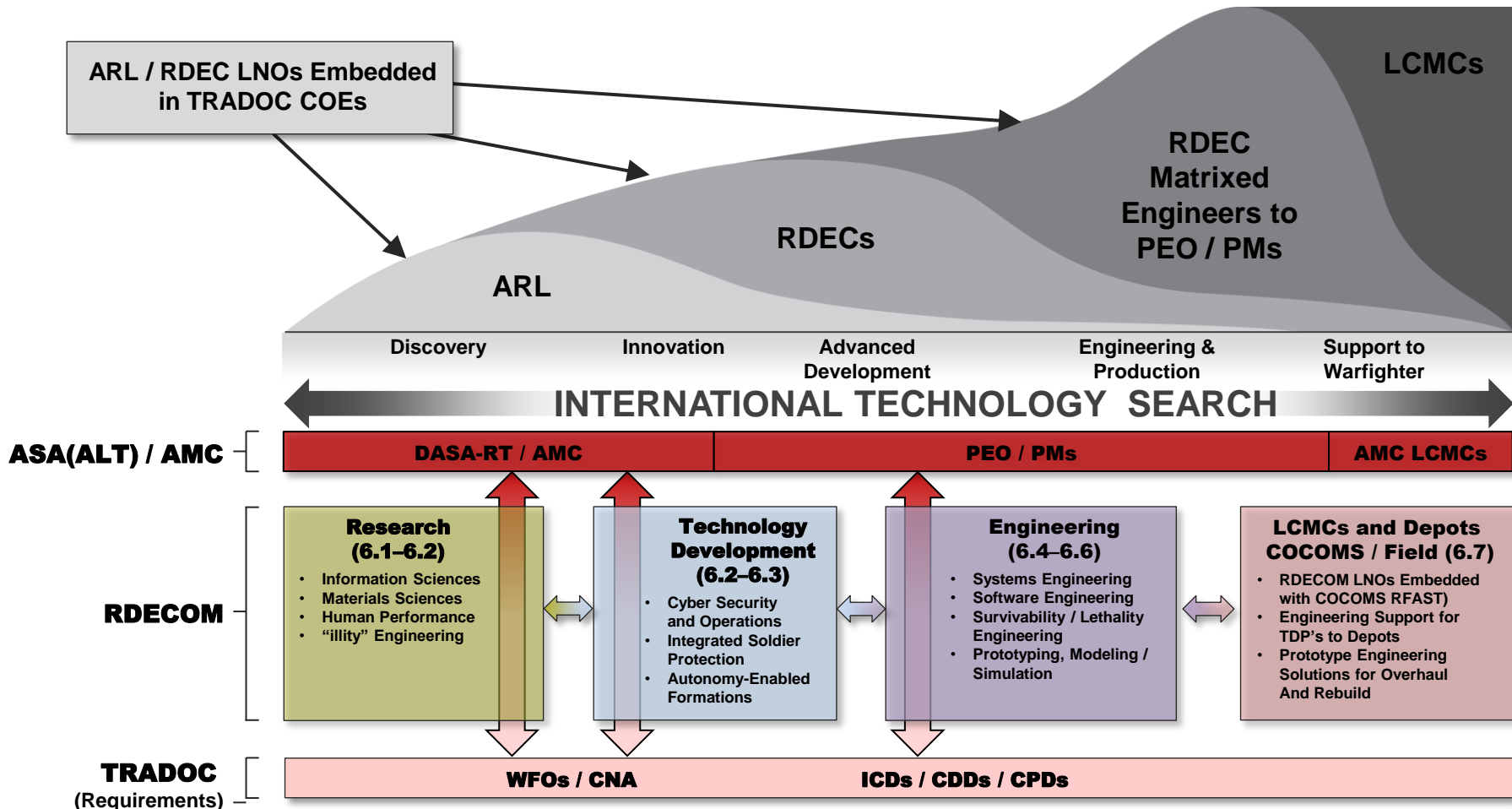
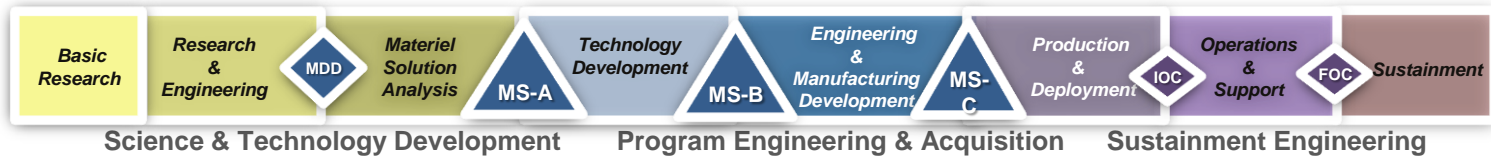
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RDECOM BUSINESS MODEL

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ACQUISITION & ENGINEERING LIFE CYCLE



Supporting the Entire Life Cycle



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AREAS OF OPPORTUNITY ACROSS THE COMMAND

- Army Manufacturing Technology (ManTech)
- Small Business Innovation Research (SBIR)
- Technology Transfer
 - Patent License Agreements (PLA)
 - Test Service Agreements (TSA)
 - Small Business Technology Transfer (STTR)
- Open Campus – ARL
- Cooperative Research and Development Agreements (CRADA)
- Contract Opportunities – across RDEC/Labs



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ARMY MANUFACTURING TECHNOLOGY (MANTECH) PROGRAM

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Mission: Supports reduction in production risks and manufacturing costs throughout the weapons system life cycle

Budget: \$76.2M (FY15 President's Budget)

Program Management: DASA(R&T) provides oversight; RDECOM manages the program with execution performed by the S&T organizations and Acquisition Program Managers

Investment Portfolio Areas:

- Ground Maneuver
- Air
- Lethality
- Soldier/Squad
- Command, Control, Communications and Intelligence
- Innovation Enablers

Proposal Process: FY17 proposals to be submitted by Army S&T and Acquisition programs to the Army ManTech Office Jan-March 2015

Contact: www.armymantech.com

GOOD NEWS STORIES



Ground Vehicle Protection -

Reduction of combat vehicle design-to production time and cost to manufacture



Body Armor and Helmets:

- Increased ballistic protection by over 30%
- 30-50% reduction in touch labor
- 15-20% weight reduction
- Cost avoidance is estimated \$83M



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KEY TAKE AWAY: COLLABORATIVE APPROACH

RDECOM:

- has a world-class workforce of scientists, engineers and skilled technicians from both Government and private industry
- ensures workforce synergy across RDECs and Labs
- provides decisive overmatch for the Nation's Joint Warfighters.
- is committed to enhancing the partnership between RDECOM, Industry, and Academia.



**U.S. ARMY
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